Footing Inspection

- Setbacks
- Soil Conditions
- Strip Footings Width/Thickness
- Pad Footings Size/Thickness
- Depth/Frost Coverage
- Rebar Per Drawings, Grounding Rod

Foundation Wall - CIP (Pre-Pour)

- Forms Height/Thickness
- Form placement on footing footing projection
- Rebar Dowels, Verticals, & Horizontals

Foundation Wall – Block or CIP (Post-Pour)

- Gaps/Cracks/Flaws? Block arrangement
- Waterproofing
- Insulation R10 Min
- Draining
- Non-Draining Poly Slipsheet Required
- Walls braced for backfill
- Drain Tile
- Rock Base, Sock/Fabric

Plumbing Rough-In

- Underground Visual & Air Test
- Above Ground Visual & Air Test
- Supply Piping: Support, Hots Insulated
- Mixing Valves
- Tile shower Pan

Framing

- Roof Truss & Bracing
- Roof covering, Ice & Water, Roof Vents
- Attic Access
- Headers
- Columns/Blocking Follow Load Paths
- Floor Framing (Truss, I-Joist, Lumber)
- Treated Sills/Plates & Anchor Bolts
- Narrow Wall Bracing
- Sheathing
- Stair Rise/Run
- Headroom
- Hallways
- Boring/Notching
- Fireblocking/Draftstopping
- Tempered Glazing
- Window Fall Protection
- Smoke Alarms
- Outlet in Attic for Future Radon Fan
- Water Resistive Barrier/House Wrap
- Flashing: Drip Caps, Pan Flashing, Kick-out Flashing, Foundation Insulation Flashing, Other

Electrical Rough-in

Mechanical Rough-In

- Supply & Return Ducting
- Exhaust fans
- Bath
- Dryer
- Gas Lines
- Visual
- Air Test
- Fireplace

Slab

- Rock
- Polv
- Radon Tee (or use Drain Tile)

Residential New Construction Inspection

Process Guideline

Lath (Adhered Masonry Veneer)

- Paper
- Mesh
- Fastening
- Flashing
- Weep Screed

Insulation

- Vapor Barrier
- Wall Insulation R20 Min
- Rim Joist R20 Min
- Window Jambs
- Penetrations sealed (Fireblocking)
- Radon Piping & Labeling

Mechanical Final

- Furnace
- Water Heater
- A/C Unit
- ERV/HRV
- Vent Terminations Hoods/Locations
- Intake/Exhaust Labeled
- Gas Connections & Sediment Traps
- Supply/Return Air Grills

Plumbing Final

- Manometer Test
- Fixtures set
- Dishwasher Air Gap & Water Hammer
- Washer Water Hammer
- Water Softener: Bonding jumper, Air Gap
- Shower Tile Height
- Backwater Valve Accessible

Building Final

- Insulation Installation Certificate
- Blower Door Test
- Plumbing Vent Roof Caps Removed
- Guards/Hand Rails
- Smoke/CO Alarm Operation
- Patio Door Blocked (if no Deck)
- Window Fall Protection
- Garage Wall/Ceiling Gypsum
- Basement Ceiling & Under Stair Gypsum
- Mechanical Room 80sf Max Unprotected, Blocked to Floor
- Radon Labeled
- Sump Lid Sealed (if used for Radon)
- Siding: Installation, Distance to Grade
- Final Grading
- Required Vegetation/Landscaping
- Required Hardcover: Driveway, Sidewalk



Electrical Final

